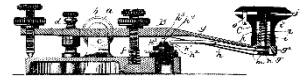




Bexar Wire

San Antonio Radio Club
W5SC



2017, No. 11

November 2017



David Finnell, N7LRY, making his presenting on his Quadrifilar Helix Antenna at the SARC meeting on October 12, 2017



David Finnell, N7LRY, receiving a Program Certificate of Appreciation from Harold Fleischer, AE5AS, President, SARC after his presentation at the SARC meeting on October 12, 2017

Hurricane Harvey and Amateur Radio

Our next club meeting will be at 7:00 p. m. (1900) on Thursday, November 9, 2017, at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216. The program will be presented by Charles D. Land, KC5NKK, is Hurricane Harvey and Amateur Radio by.

Quadrifilar Helix Antenna

At the 7:00 p. m. meeting on Thursday, October 12, 2017 at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216, the program was by David Finnell, N7LRY, on his Quadrifilar Helix Antenna. He brought this homebrew antenna with him. His presentation included a PowerPoint slide show on the principles involved in this antenna as well as a description of the physical construction itself. He actually started this antenna several years ago. He did all the mathematical computations on each piece and then cut each piece for this 2M VHF antenna. He reported that the antenna is quite sensitive, and he gets good reports on his signal. In fact, distant stations are sometimes surprised at the strength of the signal.



This is the 2M VHF Quadrifilar Helix Antenna built by David Finnell, N7LRY, that he brought to the SARC meeting on October 12, 2017

David, N7LRY, reported that he had entered his Quadrifilar Helix Antenna in the recent 2017 QST Antenna Design Competition sponsored by ARRL. His Quadrifilar Helix

(Continued on Page 5)

SAN ANTONIO RADIO CLUB

PRESIDENT'S RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
11	R		AE5AS		San Antonio, TX		Nov

TO

W5SC

October 2017 was an interesting month. It started with the 2M VHF Quadrifilar Helix Antenna presentation by David Finnell, N7LRY, arranged by Mike Harrison, KB5KST, at our October 12, 2017 meeting. We went on to have a successful JOTA outing at the Texas Transportation Museum on October 21, 2017. Mike Harrison, KB5KST, took the lead on that, but it was far from a one man show. There is an article on JOTA elsewhere in the newsletter. I do not interact a lot with young children. I got a refresher course at JOTA as the Scouts now start in Kindergarten with Lion Cubs and work there way on up to Boy Scouts. There was a real difference in ability based on age. SARC went on to have a successful VE Test Session on October 28, 2017, at the Great Northwest Library. There were a dozen test candidates and 8 VEs there. I always like congratulating new or upgraded hams. I can deal with counseling part as well, but I really like the congratulating part. Most test candidates passed which always makes it a good session.

There are two big things on the near horizon. The first is the election of officers at the November meeting. As I write this, I do not know who volunteered to be President. I believe the Nominating Committee has willing nominees for the other four positions: Vice President, Secretary, Treasurer, and Director until 2022. With a team effort, none of the jobs are too difficult. The key is to spread the work.

Second and vitally important to SARC is Radio Fiesta 2018 on Saturday, January 13, 2017. JC Smith, N5RXS, is well along the way as Chairperson, but the closer we get the more help he will need just as I needed as Chairperson before him and Rowena Archer, KF5CJZ, needed as Chairperson before me. Give JC, N5RXS, a call and volunteer to help.

Since Thanksgiving is later this month, I will close with



Happy Thanksgiving!

Harold

AE5AS

Bexar Wire

Published monthly by:
San Antonio Radio Club

Harold C. Fleischer, III AE5AS
President

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Editor
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The due date for articles is the Friday before the first Monday of the month.

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2017, No. 11 Bexar Wire November 2017
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San Antonio Radio Club
Meeting Minutes
October 12, 2017

Harold Fleischer, AE5AS, President, called the meeting to order at 7:00 p. m. at Grady's BAR-B-Q, 327 E. Nakoma Dr., San Antonio, TX 78216. There were 22 members and 3 guests in attendance. (Nineteen ate at Grady's BBQ before the meeting.)

Harold Fleischer, AE5AS, then introduced himself as Harold AE5AS and then in accordance with SARC custom asked everyone else to introduce themselves.

Harold Fleischer, AE5AS, then turned the meeting over at 7:04 p. m. to Mike Harrison, KB5KST, Vice President, who introduced the program. The program was presented by David Finnell, N7LRY, on his Quadrifilar Helix Antenna. Mike Harrison, KB5KST, thanked Pete Shavney, WA3OVH, and turned the meeting at 7:40 p. m. back over to Harold Fleischer, AE5AS, who immediately presented David Finnell, N7LRY, with a Program Certificate of Appreciation.

Harold Fleischer, AE5AS, then reviewed the printed agenda for meeting with the members present and asked if there were any modifications. There being no modifications suggested, Harold Fleischer AE5AS announced the printed agenda as orders for the meeting without objection by unanimous consent.

Harold Fleischer, AE5AS, then stated that whereas the minutes for the last meeting on September 14, 2017 had been distributed in the October 2017 Bexar Wire newsletter that unless there were corrections or objections that we would dispense with the reading of the minutes and approve them as written without objection by unanimous consent.

Officer Reports:

President

Bill Craft, KD2HIQ, has been Webmaster.

Help make the Nominations Committee job easier by seeking them out and volunteering for a position.

Need a Newsletter Editor

Vice President – Future Program: The November 9, 2017 meeting will be a presentation on Hurricane Harvey and Amateur Radio by Charles D. Land, KC5NKK.

Secretary – The registered agent with the Texas Secretary of State paperwork has to be sent in again with a \$5 check that we did not have to pay last time.

He is continuing to scan all old documents that he has received. He is organizing them by type much like the ones that were downloaded from the website by the former webmaster.

Treasurer – Financial Report was distributed by the Treasurer.

A budget Report was distributed by the Treasurer.

Brad Crabtree, W5FRQ, announced that he is moving to Canyon City, CO, and is willing to work with the next Treasurer to insure an early, smooth transition.

Newsletter Editor - The October 2017 *Bexar Wire* newsletter was sent out by Bill Crabtree, W5FRQ, on October 9, 2017.

The deadline for input, as stated on the bottom of page 2, remains the last Friday of the month.

Webmaster – The planned two monthly updates for News Blast! and the Bexar Wire were made.

Bill Craft, KD3HIQ, is planning to get the website functioning with WordPress this month.

Chairman of the Board Report –Bob Rodriguez, K5AUW, in accordance with the SARC Constitution and By-Laws that requires the Chairman to appoint replacements when an officer other than the President resigns to serve out the balance of the term until the next election, appointed Jeff Boyes, ND8B, as Treasurer effective as soon as the paperwork can be done. He replaces Brad Crabtree, W5FRQ, who is stepping down because he is moving to Colorado.

Committee Reports

Education and Training – Bob Rodriguez, K5AUW, is planning a General Class to start in late January-early February 2018.

Emergency Communications – JC Smith, N5RXS, said that none of the planned exercises in October 2017 because of real world events. The SET would be rescheduled.

A Weather Seminar is planned to be in March 2018. It will cost \$50. If you are interested in attending, email him at n5rxs@satx.rr.com.

Executive – No meetings since last month.

Field Day – The President reported that he had talked with Joe Bruno, W5AUQ, Chairperson, before the meeting. Joe is working on an air launcher. Jeff Boyes, ND8B, met him at Home Depot to help him get the right parts. He is building one for SARC and one for himself.

Finance and Review – Inactive until next January.

JOTA – Mike Harrison, KB5KST, covered the general information concerning JOTA at the Texas Transportation Museum, on Saturday, October 21, 2017. He currently has two radio sets identified. Harold Fleischer, AE5AS, will be bringing the SARC HF radio to make three. Bob Rodriguez, K5AUW, Pete Shavney, WA3OVH, Eric Harris, KG5SZV, and Harold Fleischer, AE5AS, have committed to help. The date for next year is October 20, 2018.

Membership – Tom O'Brien, AB5XZ, reported before the meeting that so far, we have 137 members for 2017 with 85 paid and 52 free.

Nothing more has been done on the identification of new hams per the FCC data base.

Nominating – Bob Rodriguez, K5AUW, made a presentation on the rewards of serving your fellow hams by being an officer in place of Lew Archer, W0YVY, who had to be out of town.

Radio Fiesta – JC Smith, N5RXS, got the ARRL sponsorship squared away. ARRL will be providing the labels for the Nov 2017 flyer.

He is also working on programs for Radio Fiesta.

Weather has been a standard program, but an American Meteorologist Society (AMS) the same weekend makes it problematic.

ARRL Forum is planned.

ARES Forum is planned.

TX VHF Society meeting is planned.

Program by Ted Englerd on ARRL Youth Program.

Program by Tom O'Brien on an antenna.

Program by Dan Seven on how to build a website.

He needs people to help: 2 for programs (1 for each room), door prizes, donations, and tailgate.

VEC – The test session scheduled for 10:00 a. m. on October 28, 2017, at the Great Northwest Library.

Centennial Commemoration (Temporary) – Tom O'Brien, AB5XZ, reported before the meeting that he will send Eric Harris, KG5SZV, and Harold Fleischer, AE5AS, the data off an old 3.5" hard diskette that he found from when he was Treasurer.

CW Training (Temporary) – Joe Bruno, W5AUQ, has bought two more CW discs put out by ARRL. He wants to start this soon.

Tailgate Swap Meet Committee (Temporary) – Richard Elder, WB5ACN, has set up a tailgate swap meet for October 21, 2017 from 7-10 a. m. at Hangar 18 Surplus.

Old Business - None

New Business - None

Announcements for The Good of Amateur Radio

Richard Elder, WB5ACN, showed a small XR226 function generator kit.

Jeff Boyes, ND8B, reported that a sling shot to put up a line can be bought for \$5.00 with a shot weight for \$2.00.

Mario De LaCruz, K5NKK, reminded everyone that there is a hamfest in Paris, TX, sponsored by Main Trading Company on October 14, 2017.

Pete Shavney, WA3OVH, wanted anyone interested in setting up a Ham Radio Explorer Post to contact him.

Bob Thompson, K5RWT, reported that he is the editor for articles going into the QRP Quarterly.

The meeting was adjourned at 8:31 p. m.

Eric Harris, KG5SZV
Secretary

Quadrifilar Helix Antenna

(Continued from Page 1)



A view of the certificate awarded to David Finnell, N7LRY, for his 2M Quadrifilar Helix Antenna



SARC members settling in before the start of the October 12, 2017 General Membership Meeting

won 2nd Prize in the 6 Meters and Up category of this competition. An article about this antenna should appear in QST sometime in the next year.

The presentation was well received. Mike Harrison, KB5KST, thanked David Finnell, N7LRY, for making his presentation and



David Finnell, N7LRY, making his Quadrifilar Helix Antenna presentation.

turned the meeting back over to the President. Harold Fleischer, AE5AS, President, who presented David Finnell, N7LRY, with a Program Certificate of Appreciation, After the meeting, David, N7LRY, joined SARC. He is on tap for another presentation in early 2018.

The meeting went on with reports by the officers and committees. The president announced the appointment of Bill Craft,

KD2HIQ, as webmaster and presented him with the current login information.

The Nominating Committee report was by Bob Rodriguez, K5AUW, on behalf of the Chairperson, Lew Archer, W5YVY, who was out of town. They have commitments for Secretary and Treasurer for 2018 and are still working on President, Vice President, and Director through 2022. He encouraged people to step forward.

Jeff Boyes, ND8B, brought a modified air launcher with him that he showed to members after the meeting.

The rest of the reports were generally routine and are covered in the minutes starting on Page 3.



The new Webmaster, Bill Craft, KD2HIQ, receiving the website login information from Harold Fleischer, AE5AS, President, at the October 12, 2017 General Membership Meeting



Volunteer Examiners at Work



Pat Knight, AD5BR, Chairperson, Volunteer Examination Committee, and seven other members of that committee gathered on Saturday, October 28, 2017, 10:00 a. m. at the Great Northwest Library for the regularly scheduled 4th Saturday of the even month test session. This test session is open to the public although pre-registration is encouraged. A total of twelve (12) candidates took tests with ten (10) passing the test they came to take. Three candidate took the General test after passing his Technician test just for practice and surprised himself by passing it as well. The overall total was six (6) Technicians and four (4) Generals. Overall, a successful morning.



Volunteer Examiners and candidates getting set up on October 28, 2017



The Blue Team of three Volunteer Examiners ready to start grading on October 28, 2017



Five candidates taking their examinations on October 28, 2017



The Red Team of four Volunteer Examiners ready to start grading on October 28, 2017

JOTA



TTM Pavilion hosting JOTA Site on October 21, 2017 – note antenna on extreme right



Inside the TTM Pavilion with the radio stations along the back wall for JOTA on October 21, 2017



Lead Ham Radio Operator Jeff Boyes, ND8B, with Scouts and Parents at JOTA on October 21, 2017



Lead Ham Radio Operator Eric Harris, KG5SZV, with Scouts at JOTA on October 21, 2017



The San Antonio Radio Club (SRC) sponsored a site at the Texas Transportation Museum (TTM) for the Boy Scout Jamboree On The Air (JOTA) on Saturday, October 21, 2017. Mike Har-

rison, KB5KST, was the SARC Chairperson. Pete Shavney, WA3OVH, Bob Rodriguez, K5AUW, Eric Harris, KG5SZV, Jeff Boyes, ND8B and Harold Fleischer, AE5AS, from SARC were also present for most of JOTA. Later, Matt Rottman, K5NON, President of AARO came out to help. Still later, Rosendo Guzman, N5YBG, came out to help once he saw JOTA was in progress.

Usually 2 radios were on the air. The event was to start at 10:00 a. m., but some Scouts were early, so we started once we were ready. The process was simple: Scouts were sat down. A little history of Amateur Radio along with information on how modes have evolved from CW to voice and digital was given. Scouts were then drilled on how to speak in whole sentences. After they gained some proficiency in speaking in whole sentences, they filled out a log sheet and were then sent to work with a ham radio operator at one of the live stations. About 3:00 p. m., the flow of Scouts stopped. Tear down went quickly with the JOTA Committee being done by 3:20 p. m.

TTM, like they did last year, treated Scouts, Scout Leaders, and accompanying family members as guests of TTM and not just visitors to the JOTA site. The JOTA site was there best and largest party pavilion on the property with plenty of tables and chairs, AC power, locations for antennas, etc. They were getting ready for Halloween, so it was decorated for their Halloween event. The Scouts could ride the full-sized train and look at the model railroads, antique cars, and other exhibits.



Lead Ham Radio Operator Matt Rottman, K5NON, with Scouts at JOTA on October 21, 2017



SARC JOTA Chairperson, Mike Harrison, KB5KST, Harold Fleischer, AE5AS, Briefer and Whole Sentence Coach, and Rosendo Guzman, N5YBG, all around utility player at JOTA on October 21, 2017

Mike, KB5KST, made a report to BSA about JOTA. He estimates around 60 scouts participated with 11 from the Boy Scouts, 47 from the Cub Scouts, and 2 from the Girl Scouts. He reported that 35 visitors, mostly parents and Scout Leaders, came to the site. As far as states contacted, he listed Arizona, California, Colorado, Florida, Georgia, Iowa, Kansas, Louisiana, New Mexico, Oklahoma, Texas, and Utah. We also had contacts with Mexico.

The SARC JOTA site was the only registered site in San Antonio. Per Alamo Council, the next closest site was Canyon Lake. As such, SARC provided a real opportunity to Scouts in the metropolitan area to participate in JOTA. Mike, KB5KST, is already laying plans for next year.



Certificate from BSA for participating and reporting on JOTA 2017

None in November →

Ham Tailgate Swap Meet

Sponsored by Hangar 18 Surplus



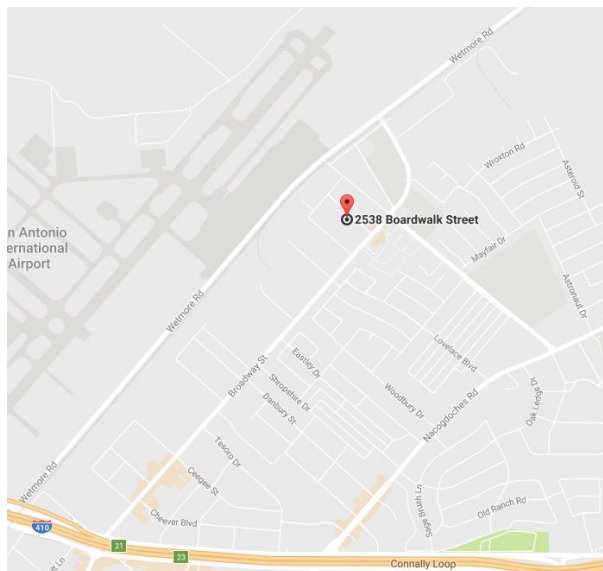
Saturday, December 16, 2017, from 7 a. m. until 10:00 a. m.
Coffee and Donuts



Location: Hangar 18 Surplus
 2538 Boardwalk
 San Antonio, TX 78217

Hangar 18 Surplus carries a wide selection of coax adapters, cables, and the \$1.00/pound electronic chassis/things to be repaired. For the Ham Tailgate Swap Meet, Hangar 18 Surplus will also have a trailer with a selection of used, empty transit cases suitable for use by Hams as GO-KITS and outdoor cabinets suitable for use by Hams for antenna tuners. The cases will be priced at \$1.00/pound.

Hangar 18 Surplus has many embroidered hats and shirts available from an additional product line in which they also do business.



Yes, the date is correct.

There is no Ham Tailgate Swap Meet in November 2017. Hangar 18 Surplus had an unreconcilable conflict for November.

They want to host it again on Saturday, December 16, 2017.

Yahoo Groups

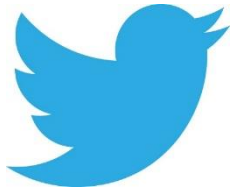


SARC has had a Yahoo Group for a number of years now. Its name is W5SC.

W5SC is being used to publicize SARC business meetings. It can be used for other things like promotion of VEC testing and classes. Members of the W5SC Yahoo Group can and have asked each other technical questions or sought assistance.

W5SC is a closed group. To become a member, go to groups.yahoo.com. (You may need to have a Yahoo account.) This will take you to a website where your groups, if any, are shown with a Search Group box at the top. Enter W5SC. This will take you to the search results page with W5SC on it. Select W5SC to go to the W5SC Yahoo Group. You will then need to select + *Join Group*. This generates a message. SARC members can expect approval to join the W5SC in probably less than 24 hours.

SARC Tweets



Reminder: there are two Twitter accounts for the San Antonio Radio Club. They are [@Radicle](https://twitter.com/Radicle) and [@ARadioFiesta](https://twitter.com/ARadioFiesta).

The [@SARadioClub](https://twitter.com/SARadioClub) is being used to publicize SARC meetings. It can be used for other things like promotion of VEC testing and classes.

As Radio Fiesta 2018 work has not yet commenced, the [@ARadioFiesta](https://twitter.com/ARadioFiesta) is currently in standby mode for the January 13, 2018 Radio Fiesta.

SARC members are encouraged to follow both Twitter accounts.

SARC Facebook



There is a San Antonio Radio Club – SARC ([@saradioclub](https://www.facebook.com/saradioclub)) Facebook Page.

The newsletter editor is making posts about SARC meetings and other activities. Any Officer, Committee Chairperson, or member who believes that they have information that should be posted to this page should contact the newsletter editor using the contact information for the newsletter editor on page 2 of this newsletter.

SARC members are encouraged to follow this Facebook Page.

SARC SLACK



There is a San Antonio Radio Club Slack team – w5sc.slack.com.

Slack teams are meant to foster communication between team members. Paul Guido, N5IUT, has established the w5sc.slack.com team for SARC. He has also established some channels. Think of the channels as topical areas.

To join send an email to Paul Guido, N5IUT, at radioteacher@gmail.com. In actuality, any team member already a part of the w5sc.slack.com can invite you, but Paul is known to be on it.

SARC has a website:

w5sc.org

Webmaster: webmaster@w5sc.org

Amateur Radio License Classes

A General Course is currently being planned with a start date in late January 2018 – early February 2018.

As this class's plans firm up, they will be summarized here.

SARC Meeting Dates for next 12 Months

November 9, 2017
December (None)
January 11, 2018
February 8, 2018
March 8, 2018
April 12, 2018
May 10, 2018
June 14, 2018
July 12, 2018
August 9, 2018
September 13, 2018
October 11, 2018

Meetings are held at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216 at 7:00 p. m.

Come early and eat with other members coming early.

License Testing Dates for 2017 and early 2018

December 23, 2017
January 13, 2018
February 24, 2018
April 28, 2018
June 23, 2018
August 25, 2018
October 27, 2017

Times and locations along with required document information can be found on SARC's website.

SARC does all its licensing testing as a part of ARRL Volunteer Examiner Coordinator (VEC) organization so all the Volunteer Examiners in SARC are duly authorized Volunteer Examiners of ARRL's VEC.

Field Day 2018

Setup: Friday, June 22, 2018
Operations: Saturday, June 23, 2018
& Sunday, June 24, 2018

Where SARC proves they are an eating group with a radio problem.

More information to follow, but hold these dates.

JOTA

Boy Scout Jamboree On The Air

This year's date is Oct 20, 2018. The plan is to again hold it at the Texas Transportation Museum.

For more information, contact:
Gary (Mike) Harrison, KB5KST

Radio Fiesta 2018

January 13, 2018
Schertz Civic Center

Emergency Communications

If you are interested in emergency communications, contact:
JC Smith N5RXS